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Transportation Information Systems

TC-AIMS II
New Equipment Training
and
Scenario Based Training Event Strategy

Presented to the TC-AIMS II Working Group
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Purpose

- To outline the redesign of TC-AIMS II New Equipment Training (NET) Courses
- To outline the Scenario Based Training Event (SBTE) concept and objectives
- To identify areas requiring clarification or guidance

Business Process Issues

- **Clearly defined business process**
  - Who does what when and where – eliminate duality
  - Applied Consistently across all installations
- **Joint review of standard roles and permissions**
  - Use the resolution of existing role and responsibility issues as a start point
  - Current conflicts
    - *Convoy planning* task allocated to each profile
    - *UDL Creation* allocated to each profile
    - *Event scheduling* and *SAAM request* allocated to each profile
    - *AALPS interfaces* allocated to each UMO, BN, and Bde profile
    - *E-MILPO interface* allocated to each UMO, BN, and Bde profiles
    - *Create container/pallet loads, create mobile/secondary loads, and create support request task* allocated to each profile

Current NET Course

- **Current Courses**
  - **Joint User Course (JUC)**
    - 10 training days
    - Trains the basic skills required to use the TC-AIMS II application in the deployment process
    - Focuses on utilization of the tool from beginning of the process to the end of the process
    - Based on common processes for multiple service implementation
    - Does not focus on the various user roles and responsibilities in the deployment process.
  - **Common user observations**
    - Train to roles and responsibilities, i.e. UMO, UMC, and ITO
    - More AIT to include hands on
    - Distance learning diminishes training quality

NET Course Redesign

- **Two courses**
  - Unit Move Officer (UMO)
  - Unit Movement Coordinator (UMC) – Battalion through ITO
- **Courses will be based on:**
  - Business process to be defined by FORSCOM and DPMO
  - Standard TC-AIMS II roles and permissions profiles for *UMO*, *BN UMC*, *Bde UMC* and *ITO*
  - Will teach context of two deployment scenarios
    - Movement based on TPFDD
    - Movement without a TPFDD
  - Will focus on data quality and data accuracy
- **Business process allocation or changes from workshop discussions have not been considered**

UMO Course Overview

- **Course will train basic TC-AIMS II concepts for:**
  - Maintaining unit equipment and personnel assets
  - Creating Unit Deployment List for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
- **Course focus areas:**
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy
    - Trained using “training data set”
    - Practical exercise for Asset Management using *unit data*
    - Reviewing data at various points in the deployment process
- **Training duration NTE 9 training days**

UMO Course POI

TLO Number	Task Description	Key Concepts
1	Course Administration and Overview	
2	Overview of Unit Movement Operations	The standard USA business process in terms of roles, responsibilities, and function – not TC-AIMS II task in the process
3	TC-AIMS II Concepts of operation in the deployment process	Overview of the system capabilities and roles and responsibilities
4	TC-AIMS II login and system orientation	Enterprise Log-in; help options; Review of the TC-AIMS II Navigator
5	Create, Maintain, and Update Organization Equipment List	Manage unit equipment assets; data quality and data accuracy; changing unit data; populating missing data elements; Conducted using training data; creating reports

UMO Course POI (Continued)

TLO Number	Task Description	Key Concepts
7	Perform procedures for breakaway configuration	
8	Movement planning overview	Reinforce movement planning activities in the deployment process and identify UMO specific activities
9.	Create Unit deployment list for TPFDD movement	Create initial UDL; maintain/update UDL; perform UDL data accuracy and quality reviews; create reports
10.	Create Mobile and secondary loads	Create mobile and secondary loads; identify and load/configure HAZMAT; perform data reviews –stress interface criteria; combined weights; and SUNs
11	UMC/ITO activities in movement planning and making directed UDL changes	Understanding of UMC/ITO responsibilities and

UMO Course POI (Continued)

TLO Number	Task Description	Key Concepts
13	Use the handheld scanner and the bar code printer to support rail loading operations and uploading data to TC-AIMS II	
14	Use the handheld scanner and Mobile RF receiver to read and modify	
15	Support air movements	
16	Create UDL for training exercise or NTC/JRTC rotations	Create UDL of non-TPFDD movement; assign equipment & personnel to convoy; creating convoy request documentation
17	Asset Management practicum using unit data	Requires support from PBO; HAZMAT specialist; Transportation SME
18	End of Course review and exam	

UMC Course Overview

- **Course will train basic TC-AIMS II concepts for:**
  - Creating and executing movement plans for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
  - Processing imports and exports from other systems
  - Reviewing movement data during the deployment process
- **Course focus areas:**
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy reviews
- **Training duration NTE 9 training days**

UMC Course POI

TLO Number	Task Description	Key Concepts
1	Course Administration and Overview	
2	Overview of Unit Movement Operations	The standard business process in terms of roles, responsibilities, and function – not TC-AIMS II task in the process
3	TC-AIMS II Concepts of operation in the deployment process	Overview of the system capabilities and roles and responsibilities
4	TC-AIMS II login and system orientation	Enterprise Log-in; help options; Review of the TC-AIMS II Navigator
5	Review OEL and Personnel Rosters for accuracy and quality	Stress supervisory roles in reviewing data
6	Developing and Managing local reference data	Stresses locally defined user tables, maintaining NSN and transportable item data

UMC Course POI (Continued)

TLO Number	Task Description	Key Concepts
7	Movement Planning overview	Focuses on movement planning activities and stress command and control in the process
8	Create Movement plan for TPFDD movement and review UMO UDLs	Review JFRG/TC-AIMS II plan from Higher headquarters; view plan requirements; assign/prioritize UIC requirements; Review UDL and communicate changes requirements of UMO. Stress command and control in planning process
9.	Create Mobile and secondary loads	Create mobile and secondary loads; identify and load/configure HAZMAT; perform data reviews –stress export criteria; combined weights; and SUNs

UMC Course POI (Continued)

TLO Number	Task Description	Key Concepts
11	Plan convoy in support of TPFDD movement	UMC/ITO roles for assigning equipment to convoys based on TPFDD movement and creating convoy documentation
12	Load transportation conveyances using MP loader; creating Movement planning reports	Fundamentals of conveyance loading procedures; loading equipment and personnel to each type of conveyance; swapping equipment between conveyances; swapping rail cars; perform data quality checks to include TCNs.
13	Export plan to JFRG II; Manage	JFRG II export and import

UMC Course POI (Continued)

TLO Number	Task Description	Key Concepts
15	Schedule movements and support	Movement Coordination overview; reviewing the preference tab; create support request; create support task
16	Documenting the movement Plan	Documenting each conveyance in the plan and producing appropriate shipping documents; exports to IBS and GATES; Updating “executed” plans; stress controlling discipline process
17	Create Military Shipping labels and loading equipment records onto RF Tags	Functions are performed in support of ITO responsibilities
18	Use the handheld scanner and the bar code printer to support rail loading operations and uploading data to TC-AIMS II	

UMC Course POI (Continued)

TLO Number	Task Description	Key Concepts
21	Create UDL for training exercise or NTC/JRTC rotations	Manually Create Segments and Legs, Review UDL of non-TPFDD movement; assign equipment & personnel to convoy; creating convoy request documentation
22	End of Course review and exam	

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SBTE

Scenario Based Training Exercise

- Provides a collective training exercise for users to work in their respective roles with the defined installation or area business process with JPMO provided SME's as exercise leaders and mentors
- Intended to train key users on how to conduct their own collective training
- Provides the installation an opportunity to validate its defined business process
- Includes a scenario, procedures, checklists and descriptive information to exercise the pre-deployment, deployment, and re-deployment of a Brigade size element

SBTE Planning Process

- **Phase 1: Business Process Tailoring (-180 to -150 days)**
  - Business Process Tailoring Workshop
  - UAM Designation
  - Task allocation matrix (Roles and Permissions)
  - TTPs describing task
- **Phase 2: SBTE Development (-90 to -30 days)**
  - MSELs developed to Business Process
  - UIC selection for exercise
  - Scenario, OPORD, and TPFDD developed against selected UICs and defined Business Process
- **Phase 3: Implementation (-30 to +30 days)**
  - User accounts completed
  - Data Completion activities completed
  - Conduct SBTE
  - Lessons learned, Business Process Revisions
  - Hand-off of SBTE package to installation

SBTE Keys To Success

- Accurate and timely business process workshop
- Installation specific deployment information
- Timely Identification of units and individuals that will participate
- Timely account creation request by UAMs for participants including designated role.
- Draft Deployment SOP
  - Based on initial task allocation and TTPs
  - Updated as part of daily SBTE AAR

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Business Process Areas of Concern

Areas of Concern

- **Roles and permissions**
  - Convoy
    - Who is responsible for assigning equipment and personnel to convoy and who generates convoy documentation
  - UDL Creation
  - Changes in an executed plan

- **Business Process**
  - Consistency across all installations
  - Process discipline
  - Linking - where should it be performed?
    - (Asset Management or Movement Planning)
  - SUNs – Avoiding duplicates